

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013796**Date Inspected:** 21-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M. Manikandan was present during the time noted above for observations relative to the work being performed.

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector performed dimensional check along with ABF on U-Rib using 1M straight edge to check offset for below segment. Reports forwarded to team leader for further action

7DE-7EE

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector performed dimensional check along with ABF on U-Rib using 1M straight edge to check offset for below segment. Reports forwarded to team leader for further action

7EE-8AE

**OBG # TRIAL ASSEMBLY YARD**

This QA inspector performed dimensional check on deck panel diaphragm using 710mm straight edge and right angle to check plumpness and flatness for below segment. Reports forwarded to team leader for further action

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## WELDING INSPECTION REPORT

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8BW –PP 65, PP 66 and PP 67

8CW –PP 68, PP 69, PP 70 and PP 71

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check on floor beam using 1.5M straight edge to check flatness for below segment. Reports forwarded to team leader for further action

Lift 8W

Lift 7W

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

**Summary of Conversations:**

No Relevant Conversation.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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**Inspected By:** Manikandan,Murugan

Quality Assurance Inspector

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**Reviewed By:** Carreon,Albert

QA Reviewer